

IN THE CLAIMS:

Please cancel Claim 4 and incorporate the substance thereof into independent Claim 1. Please amend Claims 1 and 5 to read as follows. Note that all claims currently pending in this application including those presently being amended, have been reproduced below for the Examiner's convenience. A marked-up copy showing the changes made to the claims is attached as an appendix.

---

1. (Amended) A solar power generation system comprising at least a solar cell and a cooling mechanism,

A3 said cooling mechanism having a cooling means for cooling said solar cell and a memory-and-operation means for memorizing or operating an optimum cooling and driving state of said cooling means with respect to an output of said solar cell,

wherein said memory-and-operation means comprising a clocking function and previously determined standard temperature values for an atmosphere where the solar cell is installed for every one of predetermined time points of the year,

wherein said cooling means is driven in accordance with said standard temperature value from said memory-and-operation means at a time point at said installation location of the solar cell.

---

2. (Unamended From Previous Version) The solar power generation system according to claim 1, wherein the output of the solar cell is an output power or an output current from the solar cell.

3. (Unamended From Previous Version) The solar power generation system according to claim 1, wherein the cooling means is a cooling means in which a fluid coolant is used.

4.  (Cancelled).

---

A4 5. (Amended) The solar power generation system according to claim 1, wherein said solar power generation system has a power conversion means for the output of the solar cell and said memory-and-operation means is provided such that said memory-and-operation means is included in said power conversion means.

---

6. (Unamended From Previous Version) The solar power generation system according to claim 1, wherein said solar power generation system has a power conversion means for the output of the solar cell and an output detection means for the output of the solar cell, where said output detection means is provided such that said output detection means is included in said power conversion means.

7. (Unamended From Previous Version) The solar power generation system according to claim 1, wherein said solar power generation system has a mechanism for tracking the sun.